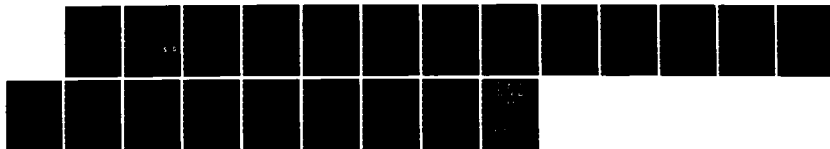
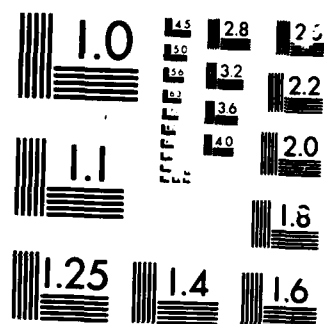


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"An army's line of communication should be sure and well settled," says Montecuculli; for every army which departs from its line and takes no care of this connecting passage...marches on the edge of a precipice."

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U1A5	<u>AFJI</u>	<u>Armed Forces Journal International</u> , ISSN: 0196-3597.
U168A7	<u>ALOG</u>	<u>Army Logistician</u> , ISSN: 0004-2528.
U1A85	<u>AQ</u>	<u>Army Quarterly and Defense Journal</u> , 0004-2552
UE1C2	<u>ARM</u>	<u>Armor</u> (Cavalry Journal), 0004-2420
UA600A71	<u>CAJ</u>	<u>Canadian Army Journal</u> .
F691C55	<u>CHOOK</u>	<u>Chronicles of Oklahoma</u> , ISSN: 0009-6024.
UF1C7	<u>COAJ</u>	<u>Coast Artillery Journal</u> .
UC270T8	<u>DEFTRJ</u>	<u>Defense Transportation Journal</u> , Army Transportation Journal), ISSN: 0011-7625.
UF23.5F6T2	<u>FA</u>	<u>Field Artilleryman</u> , ISSN: 0737-6359.
UF1F6	<u>FAJ</u>	<u>Field Artillery Journal</u> , ISSN: 0191-975X.
UD7I5	<u>INF</u>	<u>Infantry</u> (Journal), ISSN: 0019-7532.
TL500I5	<u>INT</u>	<u>Interavia</u> , ISSN: 0020-5168.
U1M6	<u>JMSI</u>	<u>Journal Military Service Institution</u> .
U1J75	<u>JORUSIofI</u>	<u>Journal of the Royal United Service Institution of India</u> .
U1J7	<u>JRUSI</u>	<u>Journal of the Royal United Service Institute</u> .
U1A4	<u>MILAFF</u>	<u>Military Affairs</u> , ISSN: 0026-3931.
UG1P8	<u>MILENG</u>	<u>Military Engineer</u> , 0026-3982
U1R4	<u>MILRVW</u>	<u>Military Review</u> , ISSN: 0026-4148
UA646.3N5	<u>NDTJ</u>	<u>National Defense Transportation Journal</u> (Army), ISSN: 0011-7625.
UF1A8	<u>NTLDEF</u>	<u>National Defense (Ordnance)</u> , ISSN: 0092-1491.
V1I6	<u>NWCRVW</u>	<u>Naval War College Review</u> , ISSN: 0028-1484.
U1P3	<u>PAR</u>	<u>Parameters</u> , ISSN: 0031-1723.
TIP77	<u>POPMECH</u>	<u>Popular Mechanics</u> , ISSN: 0032-4558.

UC1Q8	<u>QMRVW</u>	<u>Quartermaster Review.</u>
UG1R8	<u>REJ</u>	<u>Royal Engineers Journal.</u>
VA49N2	<u>SEA</u>	<u>Seapower</u> , ISSN: 0199:1337.
U157	<u>SMRVW</u>	<u>Soviet Military Review.</u>
UZ410AB	<u>SOL</u>	<u>Soldiers (Army Digest) (Army Information Digest)</u> , ISSN: 0004-2498.
U162S7	<u>STRATRVW</u>	<u>Strategic Review</u> , ISSN: 0091-6846.
UC10T3	<u>TRANS</u>	<u>Translog</u> , ISSN: 0041-1639.
V1P8	<u>USNIP</u>	<u>U.S. Naval Institute Proceedings</u> , ISSN: 0041-798X.



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## PART 2 - CANALS AND WATERWAYS

### U.S.

- ADAMS, M. R. "Coast Guard Vessel Traffic Systems," USNIP, 104:54-61, Oct 78.
- ANDERSON, J. W. "Valley of the Giant (Mississippi River)," SOL, 26:7-9, 1971.
- ANDERSON, R. D. "Inland Navigation Systems," MILENG, 66:88-99, Mar-Apr 74.
- BAKER, H. A. "America's Inland Waterways," TRANS, 2:8-10, Feb 71.
- BELL, B. B. "Tactical Use of Frozen Waterways," ARM, 91:11-3, Nov-Dec 82.
- BLACKWOOD, W. O. "River Defense," INF, 63:27-31, Jul-Aug 73.
- BURNHAM, O. T. "The Fourth Coast: Five Lakes and Five Rivers," USNIP, 101:174-87, May 75.
- CHADWELL, P. A. "Deterioration of Pittsburgh Waterways Threatens U.S. Defense Industries," NTLDEF, 65:52-3, Feb 81.
- DREW, C. A. "Tennessee-Tombigbee Waterway," MILENG, 77:170-4, May-Jun 85.
- GRAVATT, B. L. "Command and Control in Joint Riverine Operations," MILRVW, 64:54-65, May 84.
- GREER, J. A. "Tennessee-Tombigbee Waterway," MILENG, 65:336-9, Sep-Oct 73.
- LEE, J. C. H. "The Great Lakes--St. Lawrence Route to the Sea," MILENG, 13:27-49, 1921.
- LEWIS, T. L. "Canals and channels--A Look Ahead," USNIP, 93:33-43, Aug 67.
- MacBAIN, M. "Softening of the Arteries: America's Inland Waterway Systems...", SEA, 24:42, May 81.
- OAKES, J. C. "Improving the Ohio River Below Pittsburgh, PA, Widening the Louisville and Portland Canal at Louisville, KY," MILENG, 9:243-64, 1917.
- OLMSTEAD, L. W. "Progress on the St. Lawrence Seaway," MILENG, 49:1-4, Jan-Feb 57.
- PARK, R. "The Cape Cod Canal," MILENG, 26:165-71, 1934.
- REID, W. J. "Military Value of the Cape Cod Canal," USNIP, 91:82-91, Aug 65.
- RIDLEY, C. S. "Subaqueous Concrete Work on the Cape Fear River, North Carolina," MILENG, 9:23-33, 1917.
- SABIN, L. C. "Filling and Emptying the Third Lock at St. Marys Falls Canal, Michigan," MILENG, 9:115-34, 1917.
- SARGENT, A. W. "Lake Washington Ship Canal, Seattle, Wash.," MILENG, 22:321-9, 1920.
- SCHOOCH, B. P. "Ships, Fuel, and Our Farth Seacoast," TRANS, 12:16-7, Mar 81.

SIMPSON, W. L. "The Proposed Deep Waterway from the Great Lakes to the Ocean," JMSI, 15:1193-1202, 1894.

STARBIRD, A. D. "Strategic canals," MILENG, 32:247-52, Jul 40.

WHIPPLE, W. "Comprehensive Environmental Research," MILENG, 65:5-6, Jan-Feb 73.

WILKERSON, C. A. "Stone Dikes for River Channels," MILENG, 64:96-100, Mar-Apr 72.

YOUNGBERG, G. A. "The Civil Activities of the Corps of Engineers, Their Value as Military Training, and their Relation to the National Defense," MILENG, 13-73-7, 1921.

#### BOLIVIA

CASTEDO, O. R. "Development of River Navigation in Volivia," USNIP, 93:119-22, Jun 72.

#### CANADA

"Canal Construction," CAJ, 9:15, Oct 55.

#### EGYPT

Badri, H. "Suez Canal Comeback," AFJI, 115:17, Nov 77.

#### EUROPE, TRANS.

HAAR, H. R. "From the North to the Black Sea by Barge," MILENG, 73:86-8, Mar-Apr 81.

LePOTIER, M. "Rivers in European Strategy," MILRVW, 34:102-9, Dec 54.

PROKOPH, M. "The Rhine-Main-Danube Canal," REJ, 53:71-6, Mar 39.

#### GERMANY

BENWARE, D. T. "Ammunition Returns to the Rhine," TRANS, 14:6-7, Aug 83.

COWIE, J. S. "Mining of Inland Waterways," JRUSI, 105:532-4, Nov 60.

CENTMAIER, C. J. "Neckar-Danube-Lake Constance Canal," MILENG, 13:486-7, 1921.

MAUL, E. "Support on the Rhine," TRANS, 15:19, Oct 84.

#### NICARAGUA-PANAMA REGION.

CHILD, J. "Military Aspects of the Panama Canal Issue," USNIP, 106:46-51, Jan 80.

DUVAL, M. P. "Isthmian Canal Policy--An Evaluation," USNIP, 81:263-75, Mar 55.

GREENE, L. D. "The Nicaragua Canal in its Military Aspects," JMSI, 26:1-14, 1900.

HAINS, P. C. "An Isthmian Canal from a Military Point of View," COAJ, 15:289-97, 1901.

KIRKPATRICK, R. Z. "How's the Canal Doing?" MILENG, 26:204-6, 1934.

SMITH, N. M. "Our Changing Role in Panama," PAR, 8:10-6, Sep 78.

WICKS, D. H. "Lake Nicaragua Naval Base Scheme,," USNIP, 106:56-60, Aug 80.

WOODBURY, H. G. "Shipway Between the Oceans," MILENG, 59:156-61, May-Jun 67.

#### OMAN

JOHNSON, T. M. "Oman: Navy: Operating in Troubled Waters," USNIP, 108:99-103, May 82.

#### SOVIET UNION

ALLIN, L. C. "Integrated Inland Waterways of the USSR," NWCRVW, 34:88-96, May-Jun 81.

BARANOV, V. "Navigation in Narrows," SMRVW, 7:234-5, Jul 80.

GREGOIRE, J. A. "Montreux Convention, A Perennial Soviet Ticket to the Mediterranean," USNIP, 103:115-7, Jul 77.

KABELAC, O. W. "Maximalization of Soviet Waterways," MILRVW, 42:37-46, Oct 62.

PETROV, V. P. "Soviet Canals," USNIP, 93:32-44, Jul 67.

### PART 3 - RAILROADS

#### U.S.

"Are You Going to the Game?" QMRVW, 20:44-7, Sep 40.

"Army Heavyweights Move by Rail," DEFTRJ, 41-28, Apr 85.

AYDELOTT, J. H. "Role of the Railroads in Total Mobilization," QMRVW, 33:10-1, 152, 5, Sep 53.

BARRIGER, J. W. "Railroads in the Civil War," DEFTRJ, 21:42-8, Mar-Apr 65.

BILGER, A. S. "Monorail--A Defense Weapon," DEFTRJ, 7:10-1, Nov-Dec 51.

BILLARD, T. "Great Locomotive Chase (Civil War)," TRANS 7:13, Aug-Sep 76.

BOND, P. S. "Rail and Motor Transport as Applied to Military Operations," MILENG, 10:99-114, 1918.

CHAMBERS, F. T. "Port Administration and Organization," MILENG, 17:142-8, 1925.

\_\_\_\_\_. "Port Information and Terminal Advice," MILENG, 17:35-6, 1925.

CHARTERIS, C. "Railway Concentration," JMSI, 48:433-41, 1910.

CONNOR, W. D. "Operation and Maintenance of a Railroad in the Theater of War," JMSI, 37:234-48, 445-59, 1905.

DANIELS, G. H. "American Railroads: Their Relation to Commercial, Industrial and Agricultural Interests," JMSI, 26:85-97, 1900.

DELANO, F. A. "Railways and their Relations to National Defense," COAJ, 58:97-100, Feb 23.

DODGE, D. W. "Light Railway Construction and Use," MILENG, 16:50-4, 1924.

EKLUND, K. F. "In Forty or Eight to Rosecrans; The First Wartime Use of Railroads for Strategic Purposes," MILRVW, 30:12-21, Feb 51.

FARICY, W. T. "Wartime Role of the Railroads," NDTJ, 13:40, Jan-Feb 57.

FELTON, S. M. "Development of Our Railroad System," MILENG, 18:46-7, 1926.

FITCH, E. M. "Containerized Freight on the Alaska Railroad," NDTJ, 16:58-9, Sep-Oct 60.

FRASER, D. V. "Railroads are Greared for Defense," NDTJ, 7:43-4, Nov 51.

FUGATE, F. L. "Lost Art of Destroying Railroads," NDTJ, 5-52, Sep-Oct 49.

"The Greatest Gun," FAJ, 42:30-8, May-Jun 74; 42:46-8, Sep-Oct 74; 42:4, 63, Nov-Dec 75.

HALLIHAN, J. P. "More About Light Railways," MILENG, 13:78-9, 1921.

HARVEY, H. A. "Defense Railway Interchange Fleet," NDTJ, 35:5-6, Oct 79.

HEAD, M. "AMTRAK in the Northwest Corridor," NDTJ, 35:5-6, Oct 79.

HOLDEN, J. F. "The B. I. T., The Story of an Adventure in Railroad Building," CHOOK, 11:637-66, 1933.

HOWELL, R. P. "Upgrading the Northeast's Rail Corridor," MILENG, 70:396-401, Nov-Dec 78.

"The Iron Horse Delivers the Tools of War," POPMECH, 78:8-11, 176-8, Jul 42.

KELLY, W. "Is the Use of Narrow-Gage Railways Profitable in War," MILENG, 23:415-27, 1920; 13:79-80, 1920.

LANZA, C. H. "New Tactics," FAJ, 33:261-5, Apr 43.

LEHN, W. G. "Military Railroading," ALOG, 9:32-5, Mar-Apr 77.

"Loading of Field Artillery Materiel for Railway Transport," FAJ, 31:365-9, Jun 41.

MACELWEE, R. S. "Wharf Equipment," MILENG, 10:820-40, 1918.

MARSHALL, C. D. "Military Railroad Construction Corps, 1864," MILENG, 53:10-2, Jan-Feb 61.

MASON, P. "Hovertrain," MILENG, 64:12-5, Jan-Feb 72.

MERDINGER, C. J. "Railroads Through the Ages," MILENG, 54:78-81, Mar-Apr 62; 454:81-4, Mar-Apr 62; 54:181-4, May-Jun 62; 54:260-3, Jul-Aug 62; 54:348-50, Sep-Oct 62.

MOFFITT, J. W. "Reconnaissance of H. L. Marvin, Chief Engineer for the Kansas Southern Railroad in 1884," CHOOK, 17:212-28, Jun 39.

"Motor Marching by Rail," FAJ, 32:509-5, Aug 42.

NOCE, D. "Special Engineer Troops in Combat," MILENG, 15:536-7, 1923.

PAYNE, J. E. "Railroads' Preparedness," NDTJ, 4:24-7, Nov 48.

PETTIS, C. R. "Operation of Railroads in Wartime," MILENG, 27:16-9, 1925.

POOR, C. L. "Disposal of Chemical Agents," NTLDEF, 54-30, Jul-Aug 69.

PUGH, M. R. "Peacetime Development of Light or Combat Railways," MILENG, 14:1-6, 1922.

"Rail Traffic," ARM, 50:52-7, Sep 41.

"Railroads to Alaska," NDTJ, 11:62, May-Jun 55.

"Rails to the West," SOL, 30:6-7, Dec 75.

RANNELLS, K. "The Last Point of Supply," QMRVW, 23:25-6, 133-4, Mar 44.

RAYMOND, E. A. "Grasshopper Vs. Goliath," FAJ, 33:849, Nov 43.

REESE, F. W. "Railway Machine Shop Cars," COAJ, 85:66-7, Sep 42.

RUFFNER, K. C. "Yankee Boomers in Action," TRANS, 11:1-5, Mar 80.

SCHOCH, B. L. "Railroad and Deployment," TRANS, 11:7-9, Aug 80.

SELLEW, W. H. "Some Notes on Railway Maintenance," MILENG, 17:492-5, 1925.

SHANNON, R. E. "Land-Grant Railroads," QMRVW, 14:27-32, May-Jun 35.

SMITH, P. R. "Army and the Golden Spike," SOL, 24:48-55, May 69.

\_\_\_\_\_. "Workin' on the Railroad," SOL, 33:43-5, Aug 78.

SNYDER, G. D. "Railroads and National Defense," JMSI, 58:207-32, 1916.

SOTH, L. K. "When Your Outfit Moves by Rail," FAJ, 34:563-5, Aug 44.

"Steam and Steel--A Brief History of the Railroad," QMRVW, 12:5-18, May 33.

STEESE, J. G. "Public Works in Alaska," MILENG, 16:13-7, 1924.

SULZBACK, J. M. "Railroads are our Speciality," TRANS, 11:12-4, Nov 80.

TRIFFY, S. "DOD's Railroad," TRANS, 14:19-20, Apr 83.

TURNER, G. E. "History Rode the Rails," MILAFF, 19:41-2, Spring 55.

TURTLE, L. "Field Training of the 52nd Coast Artillery (Railway)," COAJ, 75:325-31, 1932.

WILSON, B. "New Ways for Old in New England," MILENG, 7:419-20, 1925.

\_\_\_\_\_. "Railroad Trestle Building in Military Operations," MILENG, 12:293-3, 1920.

WRIGHT, D. C. "Highballin' to Glory (Civil War)," SOL, 30:44-8, Feb 75.

#### AFRICA

CROCKER, H. E. "The Trans-Sahara Railway," AQ, 25:114-9, 1932-33.

MANCE, H. O. "The Railway Systems of West Africa," JORUSI, 57:167-94, Jan-Jun 13.

#### BOLIVIA

BARTLETT, L. "Bolivia and the Arica-Santos Railway," MILENG, 33:301-7, Jul-Aug 41.

#### BURMA

ANDERS, L. "Railroading on the Mandalay Line," MILRVW, 33:19-23, Sep 53.

QUINBY, B. B. "Steel Bridge on the Gold and Silver Road," MILENG, 70:94-6, Mar-Apr 78.

#### CANADA

SCOBLE, T. C. "The Strategic Value of Canadian Railways," JMSI, 15:161-7, 1894.

"A Young Nation was Born," NIEN, 12:162-4, Jan 60.

#### CHINA

"Communist China Rail Net," MILRVW, 34:70, Feb 55.

QUINBY, B. B. "Bridge at Kilometer 111," MILENG, 68:88-90, Mar-Apr 76.

"Rail Construction," MILRVW, 32:71, Sep 52.

RASKIN, G. S. "Railroads of China," NDTJ, 16:38-40, Nov-Dec 60.

RICHARDSON, G. L. "Observations on Ports and Railroads," TRANS, 11:4-6, Feb 80.

RIGGS, R. B. "Campaign for the Northeast China Railway System (1946-47)," MILRVW, 27:27-34, Dec 47.

#### FRANCE

BONHAM-SMITH, R. "Railway Transport Arrangements in France," JORUSI, 61:47-62, Feb-Nov 16.

GALLO, J. F. "Engineer Railroad Construction," MILENG, 58:21-2, Jan-Feb 66.

GUPPY, B. W. "A Technical Description of the British Light Railways in France," MILENG, 11:185-216, 1919.

PARSONS, W. B. "The Nord Railway During and After the War," MILENG, 14:65-70, 1922.

SPINCOURT, J. "Rail Transport Adopts Aviation Techniques," INT, 26:79-80, Jan 71.

#### GERMANY

BAILEY, T. "Night Train to Berlin," SOL, 26:36-9, Oct 71.

BROWN, M. "Off to the Tracks," SOL, 40:41-3, Mar 85.

KREIDLER, E. "How Railroads Supported the Axis Powers During WWII," NDTJ, 13:62-70, Jan-Feb 57.

KRETZSCHMANN, W. "German Reconstruction of Railroads," MILENG, 17:314-9, 1925.

SOMERVELL, B. B. "Railway Operations by American Forces in Germany," MILENG, 14:223-5, 1922.

TAYLOR, G. S. "Have Gun Will Travel," TRANS, 11:17, Apr 80.

#### GREAT BRITAIN

JOHNSON, W. C. "Metropolitan Railway of London," NDTJ, 8:18,32, Jan-Feb 52.

#### INDIA

PHILLIPS, A. A. "Armoured Trains in British India," JRUSI, 113:254-7, Aug 68.

WOODHOUSE, H. L. "Railway Organization for the Indian Army," JORUSIOFI, 56:95-102, Jan-Oct 26.

#### JAPAN

NESBITT, A. P. "New Tokaido Line," MILENG, 56:234-40, Jul-Aug 64.

#### KOREA

FARICY, W. T. "Railroads--Mighty Weapon in Korea," NDTJ, 8:30-1, Mar-Apr 52.

GUTH, R. E. "Korean National Railway," NDTJ, 8:30-4, Jul-Aug 52.

KNOX, R. "All Aboard--Conductors in Green," SOL, 25:41, Jul 70.

"Railroading Takes Direct Role in Korea," NDTJ, 7:55, Mar-Apr 51.

#### LIBERIA

"Transportation Opens Liberia's Gates to Industry," NDTJ, 7:28, Sep-Oct 51.

#### MANCHURIA

HAWARD, E. "The Tanaka Memorial," AQ, 44:266-71, Aug 42.

#### MEXICO

MARLOW, F. W. "Ferrocaril Sud-Pacifico," MILENG, 15:153, 1923.

#### PANAMA

EBEL, W. "Panama Railroad--Predecessor to the Canal," TRANS, 7:14-5, Nov 76.

ISAACS, D. T. "Ferrocarile de Panama," TRANS, 10:2-5, Sep 79.

#### PERU

MURDOCK, T. G. "The Highest Standard Gauge Railway in the World," MILENG, 32:332-7, Sep 40.

#### SAUDI ARABIA

"Lawrence and the Arabian Railroad," MILENG, 49:102-4, Mar-Apr 57.

#### SOUTH AFRICA

"Railway Shapers of South Africa," NDTJ, 20:34-5, Jan-Feb 64.

#### SOVIET UNION

ALEXANDROV, G. "Railway Tracks in the Siberian Taiga," SMRVW, 11:57, Nov 78.

BARROWS, D. P. "Russian Armored Railway Cars," ARM, 38:161-9, 1929.

BETIT, E. D. "Baikal-Amur Main Line," MILRVW, 57:56-68, Nov 77.

BOCHAROV, G. "Baikal-Amur Railway," SMRVW, 5:6-10, May 77.

CLOMAN, S. A. "The Circum-Baikal Railroad," INF, 3:53-64, Jul 06.

COLQUHOUN, A. R. "The Great Trans-Siberian-Manchurian Railway," JRUSI, 44:1408-30, Jul-Dec 1900.

CRAYTON, V. "New Tasks for USSR Transport," NDTJ, 22:40-2, May-Jun 66.

HUNTER, H. "Soviet Railroad in World War II," NDTJ, 11:52-8, Sep-Oct 55.

JOHNSON, B. O. "American Railway Engineers in Siberia," MILENG, 15:187-92, 1923.

KHARITONOV, N. "Armoured Train, No. 56-67," SMRVW, 2:48-9, Feb 79.

KNUDSON, J. K. "Soviet Transportation," NDTJ, 8:24-6, Nov 52.

KRYUKOV, A. M. "Railway Soldiers," SMRVW, 7:11-4, Jul 79.



MAKARTSEV, M. K. "Baikal-Amur Railway," SMRVW, 8:8-10, Aug 84.

PFISTER, E. "Rail Transport Situation in the Caucasus, 1942-43," MILRVW, 34:82-6, Feb 55.

POLEVOI, A. "Railroads in the USSR," MILRVW, 30:81-7, Sep 50.

"Railroads in Russia," MILRVW, 30:81-7, Sep 50.

RASKIN, G. S. "Atomic Locomotive Development in the Soviet Union," NDTJ, 16:50-1, May-Jun 60.

SAUNDERS, G. D. "Land Bridge Comes of Age," USNIP, 99:38-43, Dec 73.

SITES, J. M. "Russian Reaches for Super-Railroads," NDTJ, 19:46, Mar-Apr 63.

SLOCUM, S. L. "The Resources of Russian Railroads in Peace and War," ARM, 16:1-15, 1905-06.

"The Trans-Siberian Railway," JMSI, 34:503-8, May 04.

TROYAN, S. "Baikal-Amur Railroad," SMRVW, 1:15-8, Jan 75.

WIEN, O. "Transportation as a Strategic Economic Problem of the Soviet Union," MILRVW, 36:75-89, Apr 56.

YAKUTIN, L. "Soldiers at Bam," SMRVW, 12:32-3, Dec 76.

ZAPOROZHCHENKO, K. "Cutting Through the Taiga Forest," SMRVW, 10:11-2, Oct 75.

#### VIETNAM

"Rail Improvement in Vietnam," NDTJ, 16:20, Jul-Aug 60.

#### YUGOSLAVIA

"U.S. Locomotives to Yugoslavia," NDTJ, 16:18, Jul-Aug 60.

### PART 4 - ROADS

#### U.S.

ADAMS, D. B. "Roads and Army Loads," MILENG, 30:256-8, Jul-Aug 38.

BRACEWELL, J. R. "Highways for National Defense," SOL, 5:19-23, Nov 50.

BUCK, W. V. "Bituminous Material on Kansas Roads," MILENG, 26:446-9, 1934.

CAPLES, W. G. "Roads in Supply and Attack," MILENG, 11:650-74, 1919.

CLARK, A. C. "Highways for Progress and Defense," MILENG, 42:362-5, Sep-Oct 50.

EDGREN, R. D. "Little Mister Marker," FAJ, 33:362-4, May 43.

FOREMAN, G. "Survey of a Wagon Road from Fort Smith to the Colorado River," CHOOK, 12:74-96, 1934.

GILLETTE, G. W. "Road Work for the Artillery," MILENG, 14:89-93, 1922.

HALMOS, E. E. "Taming the Mixing Bowl," MILENG, 70:254-6, Jul-Aug 78.

HASWELL, C. H. "Application of Soil Mechanics to Road Construction," REJ, 53:89-98, Mar 39.

HAZEN, J. C. "Road Measurements with Tracing Paper," FAJ, 35:105, Feb 45.

HEILEMAN, F. A. "Highways are Essential to Defense," NDTJ, 8:27-8, Jul-Aug 52.

HELLMANN, W. K. "Fort McHenry Tunnel," MILENG, 75:86-90, Mar 83.

HENRY, T. P. "United States Highways in Peace and War," MILENG, 32:93-7, Mar 40.

HOFFMAN, J. C. "United States Highway System," QMRVW, 12:38-42, Jul-Aug 32.

HOLTER, H. "Significance of Roads in Impassable Terrain," MILRVW, 37:86-8, Sep 57.

KENNON, L. W. "Notes on Road Curves," INF, 12:1074-9, 1915-16.

MCCLOSKEY, R. G. "Highway Friction and Motor Marches," INF, 51:24-6, Nov 42.

MACDONALD, T. H. "Highway system for National Defense," MILENG, 40:301-3, Jul 48.

MERDINGER, C. J. "Roads--Through the Ages," MILENG, 44:268-73, Jul 42;  
44:340-4, Sep 52.

NELSON, H. L. "Military Roads for War and Peace--1791-1836," MILAFF, 19:1-14, Spring 55.

"Road Blocks," AQ, 24:228-97, Jun 32.

"Road Capacities in Military Highway Traffic," INF, 12:223-52, 1936.

ROBBINS, F. E. "Asphaltic Concrete Paving for Roads and Parking Areas," MILENG, 35:454-6, Sep 43.

SCHLEE, A. G. "Military Earthmoving Equipment Symposium," MILENG, 45:39-94, Mar 53.

STACK, R. I. "Roadblocks," INF, 57:29=30, Jul 45.

WALKER, R. A. H. "The Road Movement of Military Transport Vehicles," JRUSI, 93:446-9, Aug 53.

WATKINS, J. S. "Low Cost Pavement for Country Roads," MILENG, 16:120, 1924.

WHEELER, W. R. "Column Time Instead of Road Space," INF, 11:483-9, 1914-15.

YARHAM, E. R. "The Alaska Highway," JRUSI, 87:227-31, Aug 42.

YOUNT, P. F. "Highways are Essential to Defense," NDTJ, 9:49-54, Sep-Oct 53.

#### AFGHANISTAN

MESSALL, C. M. "Modern Highways for Afghanistan," MILENG, 55:424-5, Nov-Dec 63.

SWANSON, H. A. "High Roads of Afghanistan," MILENG, 51:462-5, Nov-Dec 50.

#### ANTARCTICA

DOBY, F. W. "Antarctic Runways and Roads," MILENG, 53:452-4, Nov-Dec 61.

TOMAYKO, D. J. "Elevated Snow Roads in Antarctica," MILENG, 66:37-41, Jan-Feb 74.

#### BRAZIL

WITHERS, G. K. "Brazilian Army Engineers Projects," MILENG, 64:416-7, Nov-Dec 72.

#### BURMA

ANDERS, L. "Engineer Reconnaissance in Forbidden North Burman," MILAFF, 20:129-38, Fall 56.

CHRISTIAN, J. L. "Burma Roads of the Past and Present," JORUSIOfI, 74:202-9, Apr 44.

KIERNAN, J. M. "Ledo Road Revisited," MILENG, 50:282-4, Jul-Aug 58.

#### CANADA

"North to Alaska," SOL, 30:32-3, May 75.

#### FRANCE

BARBER, J. F. "Road to Montfaucon," MILENG, 16:296, 1924.

FOCARDI, P. L. "The Maintenance of French Highways," MILENG, 16:186-90, 1924.

LaFALAISE, J. H. "Road to Dunkirk," FAJ, 32:278-85, Apr 42; 32:396-403, May 42; 32:459-67, Jun 42; 32:523-31, Jul 42; 32:620-6, Aug 42.

MILLER, P. K. "The Secret of Universally Good Roads in France," MILENG, 13:221-2, 1921.

YOUNBERG, G. A. "The Roads of France," MILENG, 11:523-42, 1919.

#### GERMANY

ALLISON, S. L. "Elimination of a Step Grade," MILENG, 65:316-7, Sep-Oct 73.

LIVINGSTON, F. C. "Autobahnen of West Germany," MILENG, 54:174-6, May-Jun 62.

#### INDIA

PARKHURST, R. W. "India and the Grand Trunk Road," MILENG, 17:469-76, 1925.

## ITALY

BROWNING, D. C. "Road Maintenance in Italy," REJ, 64:61-71, Mar 50.

CALLENDER, G. W. "Classical Military Engineering: Roman Road Construction," MILENG, 67:336-7, Nov-Dec 75.

MARTIN, J. E. "Rome Plow Operations," FA, 49:5-8, Feb 72.

## KOREA

CUSTER, P. E. "Tank Turning Pads in Korea," MILENG, 57:169-70, May-Jun 65.

WEINERT, P. D. "Road Repairs in Korea," MILENG, 57:46-8, Jan-Feb 65.

## MALAYA

HILLARD, J. L. "Tactics in Malaya," CAJ, 5:72-5, Aug 51.

## MEXICO

GRAVES, E. "Road Work on the Punitive Expedition into Mexico," MILENG, 9:657-81, 1917.

O'CONNOR, J. A. "Road Work in Mexico with the Punitive Expedition," MILENG, 9:326-46, 1917.

## OKINAWA

GUYTON, J. W. "Highways for Okinawa," MILENG, 63:270-2, Jul-Aug 71.

## PANAMA

GODFREY, S. C. "Road Building in Panama," MILENG, 30:51-7, Jan-Feb 38.

O'CONNOR, J. D. "Boyd-Roosevelt Highway," MILENG, 67:214-5, Jul-Aug 75.

## PERU

HAAR, H. R. "Military-Civic Action in Peru," MILENG, 57:166-7, May-Jun 65.

SCHLEY, J. L. "Ocean to Amazon Highway," MILENG, 36:128-32, Apr 44.

## SOUTH AMERICA, GENERAL

McMILLION, S. A. "South America's Vital Road," MILENG, 34:160-72, Apr 42.

## THAILAND

LEHMAN, A. C. "The Inland Road Thailand," MILENG, 60:6-7, Jan-Feb 68.

## TUNISIA

KERR, B. H. "Tunisia's Burma Road," FAJ, 33:785, Oct 43.

VIETNAM

JOHNSON, J. A. "Plank Road in Vietnam," MILENG, 60:125-5, Mar-Apr 68.

LIELL, W. J. "Ho Chi Minh Trail," INF, 55:46, Jul-Aug 65.

MUELLER, J. M. "Taming the Sands of Cam Ranh," MILENG, 58:238-9, Jul-Aug 66.

SCHWARTZ, W. L. "Road Clearing," INF, 54:42-3, Mar-Apr 64.

STEARNS, H. A. "Loc Highway Restoration, Vietnam," MILENG, 65:84-6, Mar-Apr 73.

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